

1600

## RAW SEQUENCE LISTING

DATE: 10/16/2001

PATENT APPLICATION: US/09/486,247A

TIME: 12:44:34

Input Set : A:\8484-081-999.txt

Output Set: N:\CRF3\10162001\I486247A.raw

5 <110> APPLICANT: DEAR, TERENCE N  
 7 BOEHM, THOMAS  
 11 <120> TITLE OF INVENTION: PROTEASE-RELATED PROTEIN  
 15 <130> FILE REFERENCE: 8484-081-999  
 19 <140> CURRENT APPLICATION NUMBER: 09/486,247A  
 C--> 21 <141> CURRENT FILING DATE: 2000-02-18  
 23 <150> PRIOR APPLICATION NUMBER: DE 197 36 198.6  
 24 <151> PRIOR FILING DATE: 1997-08-20  
 27 <160> NUMBER OF SEQ ID NOS: 8  
 31 <170> SOFTWARE: PatentIn version 3.1  
 35 <210> SEQ ID NO: 1  
 37 <211> LENGTH: 822  
 39 <212> TYPE: DNA  
 41 <213> ORGANISM: Mus musculus  
 44 <220> FEATURE:  
 46 <221> NAME/KEY: CDS  
 48 <222> LOCATION: (1)..(822)  
 53 <400> SEQUENCE: 1  
 54 tag gtg gtg tca ttc ccc tcc aac ctg agt gct ggc agg tac act gct 48  
 55 Val Val Ser Phe Pro Ser Asn Leu Ser Ala Gly Arg Tyr Thr Ala  
 56 1 5 10 15  
 62 ggc cac cag cag atg ccc atg aag atg ctg aca atg aag atg ctg gcc 96  
 63 Gly His Gln Gln Met Pro Met Lys Met Leu Thr Met Lys Met Leu Ala  
 64 20 25 30  
 66 ctg tgc ttg gtt ctt gct aaa tca gcc tgg tcg gag gaa cag gag aag 144  
 67 Leu Cys Leu Val Leu Ala Lys Ser Ala Trp Ser Glu Glu Gln Glu Lys  
 68 35 40 45  
 70 gtg gtt cat gga ggc ccg tgt ttg aag gac tcc cac cct ttc cag gct 192  
 71 Val Val His Gly Gly Pro Cys Leu Lys Asp Ser His Pro Phe Gln Ala  
 72 50 55 60  
 74 gcc ctc tac acc tca ggt cac ttg ctg tgt ggt ggg gtc ctc att gac 240  
 75 Ala Leu Tyr Thr Ser Gly His Leu Leu Cys Gly Gly Val Leu Ile Asp  
 76 65 70 75  
 78 cca cag tgg gtg ctg aca gct gcc cac tgc aaa aaa ccg aat ctg cag 288  
 79 Pro Gln Trp Val Leu Thr Ala Ala His Cys Lys Lys Pro Asn Leu Gln  
 80 80 85 90 95  
 82 gtg atc ttg ggg aaa cac aac cta cgg caa aca gag act ttc caa agg 336  
 83 Val Ile Leu Gly Lys His Asn Leu Arg Gln Thr Glu Thr Phe Gln Arg  
 84 100 105 110  
 86 caa atc tca gtg gac agg act att gtc cat ccc cgc tac aac cct gaa 384  
 87 Gln Ile Ser Val Asp Arg Thr Ile Val His Pro Arg Tyr Asn Pro Glu  
 88 115 120 125  
 90 acc cac gac aat gac atc atg atg gtg cat ctg aaa aat cca gtc aaa 432  
 91 Thr His Asp Asn Asp Ile Met Met Val His Leu Lys Asn Pro Val Lys  
 92 130 135 140  
 94 ttc tct aaa aag atc cag cct ctg ccc ttg aag aat gac tgc tct gag 480  
 95 Phe Ser Lys Lys Ile Gln Pro Leu Pro Leu Lys Asn Asp Cys Ser Glu

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96      145      150      155
98 gag aat ccc aac tgc cag atc ctg ggc tgg ggc aag atg gaa aat ggt      528
99 Glu Asn Pro Asn Cys Gln Ile Leu Gly Trp Gly Lys Met Glu Asn Gly
100 160      165      170      175
102 gac ttc cca gat acc att cag tgt gct gat gtc cat ctg gtg ccc cgg      576
103 Asp Phe Pro Asp Thr Ile Gln Cys Ala Asp Val His Leu Val Pro Arg
104      180      185      190
106 gag cag tgt gag cgt gcc tac cct ggc aag atc acc cag agc atg gtg      624
107 Glu Gln Cys Glu Arg Ala Tyr Pro Gly Lys Ile Thr Gln Ser Met Val
108      195      200      205
110 tgc gca ggc gac atg aaa gaa ggc aac gat tcc tgt cag ggt gat tct      672
111 Cys Ala Gly Asp Met Lys Glu Gly Asn Asp Ser Cys Gln Gly Asp Ser
112      210      215      220
114 gga ggt ccc cta gta tgt ggg ggt cgc ctc cga ggg ctc gtg tca tgg      720
115 Gly Gly Pro Leu Val Cys Gly Gly Arg Leu Arg Gly Leu Val Ser Trp
116      225      230      235
119 ggt gac atg ccc tgt gga tca aag gag aag cca gga gtt tac acc gat      768
120 Gly Asp Met Pro Cys Gly Ser Lys Glu Lys Pro Gly Val Tyr Thr Asp
121 240      245      250      255
125 gtc tgc act cat atc aga tgg atc caa aac atc ctc aga aac aag tgg      816
126 Val Cys Thr His Ile Arg Trp Ile Gln Asn Ile Leu Arg Asn Lys Trp
127      260      265      270
129 ctg tga      822
130 Leu
133 <210> SEQ ID NO: 2
135 <211> LENGTH: 272
137 <212> TYPE: PRT
139 <213> ORGANISM: Mus musculus
143 <400> SEQUENCE: 2
145 Val Val Ser Phe Pro Ser Asn Leu Ser Ala Gly Arg Tyr Thr Ala Gly
146 1      5      10      15
149 His Gln Gln Met Pro Met Lys Met Leu Thr Met Lys Met Leu Ala Leu
150      20      25      30
153 Cys Leu Val Leu Ala Lys Ser Ala Trp Ser Glu Glu Gln Glu Lys Val
154      35      40      45
157 Val His Gly Gly Pro Cys Leu Lys Asp Ser His Pro Phe Gln Ala Ala
158      50      55      60
161 Leu Tyr Thr Ser Gly His Leu Leu Cys Gly Gly Val Leu Ile Asp Pro
162 65      70      75      80
165 Gln Trp Val Leu Thr Ala Ala His Cys Lys Lys Pro Asn Leu Gln Val
166      85      90      95
169 Ile Leu Gly Lys His Asn Leu Arg Gln Thr Glu Thr Phe Gln Arg Gln
170      100      105      110
173 Ile Ser Val Asp Arg Thr Ile Val His Pro Arg Tyr Asn Pro Glu Thr
174      115      120      125
178 His Asp Asn Asp Ile Met Met Val His Leu Lys Asn Pro Val Lys Phe
179      130      135      140
183 Ser Lys Lys Ile Gln Pro Leu Pro Leu Lys Asn Asp Cys Ser Glu Glu
184 145      150      155      160

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187 Asn Pro Asn Cys Gln Ile Leu Gly Trp Gly Lys Met Glu Asn Gly Asp
188                               165                               170                               175
192 Phe Pro Asp Thr Ile Gln Cys Ala Asp Val His Leu Val Pro Arg Glu
193                               180                               185                               190
197 Gln Cys Glu Arg Ala Tyr Pro Gly Lys Ile Thr Gln Ser Met Val Cys
198                               195                               200                               205
201 Ala Gly Asp Met Lys Glu Gly Asn Asp Ser Cys Gln Gly Asp Ser Gly
202                               210                               215                               220
205 Gly Pro Leu Val Cys Gly Gly Arg Leu Arg Gly Leu Val Ser Trp Gly
206 225                               230                               235                               240
209 Asp Met Pro Cys Gly Ser Lys Glu Lys Pro Gly Val Tyr Thr Asp Val
210                               245                               250                               255
213 Cys Thr His Ile Arg Trp Ile Gln Asn Ile Leu Arg Asn Lys Trp Leu
214                               260                               265                               270

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217 &lt;210&gt; SEQ ID NO: 3

219 &lt;211&gt; LENGTH: 12

221 &lt;212&gt; TYPE: DNA

223 &lt;213&gt; ORGANISM: Artificial Sequence

225 &lt;220&gt; FEATURE:

227 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide adaptor

for

228 representational difference analysis

230 &lt;400&gt; SEQUENCE: 3

231 gatctgcggt ga

12

234 &lt;210&gt; SEQ ID NO: 4

236 &lt;211&gt; LENGTH: 24

238 &lt;212&gt; TYPE: DNA

240 &lt;213&gt; ORGANISM: Artificial Sequence

242 &lt;220&gt; FEATURE:

244 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide adaptor

for

245 representational difference analysis

247 &lt;400&gt; SEQUENCE: 4

248 agcactctcc agcctctcac cgca

24

251 &lt;210&gt; SEQ ID NO: 5

253 &lt;211&gt; LENGTH: 12

255 &lt;212&gt; TYPE: DNA

257 &lt;213&gt; ORGANISM: Artificial Sequence

260 &lt;220&gt; FEATURE:

262 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide adaptor

for

263 representational difference analysis

266 &lt;400&gt; SEQUENCE: 5

267 gatctgttca tg

12

270 &lt;210&gt; SEQ ID NO: 6

272 &lt;211&gt; LENGTH: 24

274 &lt;212&gt; TYPE: DNA

276 &lt;213&gt; ORGANISM: Artificial Sequence

278 &lt;220&gt; FEATURE:

280 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide adaptor

for

281 representational difference analysis

283 &lt;400&gt; SEQUENCE: 6

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289 <211> LENGTH: 12
291 <212> TYPE: DNA
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
297 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide adaptor
for
298     representational difference analysis
301 <400> SEQUENCE: 7
302 gatcttcctt cg                                            12
305 <210> SEQ ID NO: 8
307 <211> LENGTH: 24
309 <212> TYPE: DNA
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide adaptor
for
316     representational difference analysis
318 <400> SEQUENCE: 8
319 aggcaactgt gctatccgag ggaa                                24

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VERIFICATION SUMMARY

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L:21 M:271 C: Current Filing Date differs, Replaced Current Filing Date